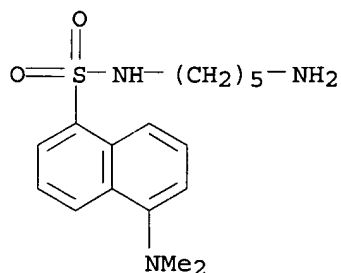


L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
 RN 10121-91-2 REGISTRY
 CN 1-Naphthalenesulfonamide, N-(5-aminopentyl)-5-(dimethylamino)- (8CI, 9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN Dansylcadaverine
 CN **Monodansylcadaverine**
 CN N-(5-Aminopentyl)-5-dimethylamino-1-naphthalenesulfonamide
 FS 3D CONCORD
 DR 99473-69-5
 MF C17 H25 N3 O2 S
 LC STN Files: ADISNEWS, AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHM,
 DDFU, DRUGU, EMBASE, MEDLINE, NIOSHTIC, TOXCENTER, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

263 REFERENCES IN FILE CA (1957 TO DATE)
 12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 263 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=>

ANSWER 1 OF 1 ~ REGISTRY COPYRIGHT 2002 ACS
RN 462-94-2 REGISTRY
CN 1,5-Pentanediamine (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN .alpha.,.omega.-Pentanediamine

CN 1,5-Amylene diamine

CN 1,5-Diamino-n-pentane

CN 1,5-Diaminopentane

CN 1,5-Pentamethylenediamine

CN **Cadaverine**

CN Pentamethylenediamine

FS 3D CONCORD

MF C5 H14 N2

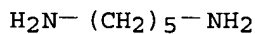
CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CSCHM, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*,
HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NAPRALERT,
NIOSTIC, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2,
USPATFULL

(*File contains numerically searchable property data)

Other Sources: EINECS**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

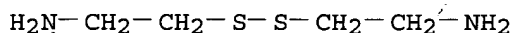
2949 REFERENCES IN FILE CA (1962 TO DATE)

78 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

2958 REFERENCES IN FILE CAPLUS (1962 TO DATE)

17 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
 RN 51-85-4 REGISTRY
 CN Ethanamine, 2,2'-dithiobis- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ethylamine, 2,2'-dithiobis- (8CI)
 OTHER NAMES:
 CN .beta.,.beta.'-Diaminodiethyl disulfide
 CN .beta.-Mercaptoethylamine disulfide
 CN 1,6-Diamino-3,4-dithiahexane
 CN 2,2'-Dithiobis[ethanamine]
 CN 2,2'-Dithiobis[ethylamine]
 CN 2,2'-Dithiodiethylamine
 CN 2-Aminoethane disulfide
 CN 2-Aminoethyl disulfide
 CN Bis(.beta.-aminoethyl) disulfide
 CN Bis(2-aminoethyl) disulfide
 CN **Cystamine**
 CN Cysteinamine disulfide
 CN Cystineamine
 CN Decarboxycystine
 CN L 1591
 CN Mercamine disulfide
 CN Merkamine disulfide
 FS 3D CONCORD
 MF C4 H12 N2 S2
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
 CHEMINFORMRX, CHEMLIST, CIN, CSCHM, DDFU, DRUGU, EMBASE, IFICDB,
 IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NAPRALERT, NIOSHTIC, PIRA, PROMT,
 RTECS*, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

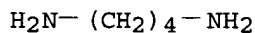


****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

1501 REFERENCES IN FILE CA (1962 TO DATE)
 61 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1504 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 25 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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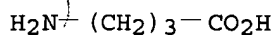
L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 110-60-1 REGISTRY
CN 1,4-Butanediamine (8CI, 9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Tetramethylenediamine (7CI)
OTHER NAMES:
CN .alpha.,.omega.-Butanediamine
CN 1,4-Butylenediamine
CN 1,4-Diamino-n-butane
CN 1,4-Diaminobutane
CN 1,4-Tetramethylenediamine
CN Putrescin
CN **Putrescine**
FS 3D CONCORD
MF C4 H12 N2
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, DDFU, DETHERM*, DRUGNL,
DRUGPAT, DRUGU, DRUGUPDATES, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT,
IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT,
RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**, NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

10206 REFERENCES IN FILE CA (1962 TO DATE)
409 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
10224 REFERENCES IN FILE CAPLUS (1962 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
 RN 56-12-2 REGISTRY
 CN Butanoic acid, 4-amino- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Butyric acid, 4-amino- (7CI, 8CI)
 OTHER NAMES:
 CN .gamma.-Aminobutanoic acid
 CN .gamma.-Aminobutyric acid
 CN .omega.-Aminobutyric acid
 CN 3-Carboxypropylamine
 CN 4-Aminobutanoic acid
 CN 4-Aminobutyric acid
 CN Aminalon
 CN **GABA**
 CN Gaballon
 CN Gamarex
 CN Gammalon
 CN Gammalone
 CN Gammar
 CN Gammamol
 CN Mielogen
 CN Mielomade
 CN Piperidic acid
 CN Piperidinic acid
 FS 3D CONCORD
 DR 3131-86-0
 MF C4 H9 N O2
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, DDFU, DETHERM*, DRUGU,
 EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*,
 MSDS-OHS, NAPRALERT, NIOSHTIC, PROMT, RTECS*, SPECINFO, SYNTHLINE,
 TOXCENTER, ULIDAT, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

23850 REFERENCES IN FILE CA (1962 TO DATE)
 419 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 23879 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

=> D L2 1-18 BIB,KWIC

L2 ANSWER 1 OF 18 USPATFULL
AN 2003:17890 USPATFULL
TI Hemoglobin-haptoglobin complexes
IN Adamson, J. Gordon, Georgetown, CANADA
Wodzinska, Jolanta M., Brampton, CANADA
Moore, M.S. Celine, Georgetown, CANADA
PA Hemosol, Inc. (non-U.S. corporation)
PI US 2003013642 A1 20030116
AI US 2002-231062 A1 20020830 (10)
RLI Continuation of Ser. No. US 1999-302351, filed on 30 Apr 1999, GRANTED,
Pat. No. US 6479637
PRAI CA 1998-2236344 19980430
DT Utility
FS APPLICATION
LREP NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Road, Arlington, VA,
22201-4714
CLMN Number of Claims: 30
ECL Exemplary Claim: 1
DRWN 12 Drawing Page(s)
LN.CNT 1066
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 512-69-6, Raffinose 10121-91-2, Monodansyl cadaverine
20166-34-1, reactions 63368-54-7, 5-Iodoacetamido fluorescein
65989-10-8
(Hb-haptoglobin complexes for hepatic drug delivery)

L2 ANSWER 2 OF 18 USPATFULL
AN 2002:156777 USPATFULL
TI Method for determining the suitability of a transparent moulded polymer
article for colouring without defects and resulting article
IN Massey, Gilles, Saint-Maur, FRANCE
Dauguet, Jean-Claude, Marolles en Brie, FRANCE
PA ESSILOR INTERNATIONAL COMPAGNIE GENERALE d'OPTIQUE, Charenton Cedex,
FRANCE (non-U.S. corporation)
PI US 2002081375 A1 20020627
AI US 2001-972396 A1 20011005 (9)
RLI Continuation of Ser. No. WO 2000-FR842, filed on 5 Apr 2000, UNKNOWN
PRAI FR 1999-4268 19990406
DT Utility
FS APPLICATION
LREP Mark B. Wilson, FULBRIGHT & JAWORSKI L.L.P., Suite 2400, 600 Congress
Avenue, Austin, TX, 78701
CLMN Number of Claims: 19
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 359
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 10121-91-2, Dansyl cadaverine
(in detg. flawless colorability of transparent molded object made from
polymer materials such as ophthalmic lenses)

L2 ANSWER 3 OF 18 USPATFULL
AN 2002:297687 USPATFULL
TI Hemoglobin-haptoglobin complexes
IN Adamson, J. Gordon, Georgetown, CANADA
Wodzinska, Jolanta Maria, Brampton, CANADA
Moore, M. S. Celine, Georgetown, CANADA
PA Hemosol Inc., Ontario, CANADA (non-U.S. corporation)
PI US 6479637 B1 20021112
AI US 1999-302351 19990430 (9)
PRAI CA 1998-2236344 19980430

DT Utility
FS GRANTED
EXNAM Primary Examiner: Reynolds, Deborah J.; Assistant Examiner: Sorbello, Eleanor
LREP Nixon & Vanderhye
CLMN Number of Claims: 68
ECL Exemplary Claim: 1
DRWN 31 Drawing Figure(s); 17 Drawing Page(s)
LN.CNT 1425
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 512-69-6, Raffinose 10121-91-2, Monodansyl cadaverine
20166-34-1, reactions 63368-54-7, 5-Iodoacetamido fluorescein
65989-10-8
(Hb-haptoglobin complexes for hepatic drug delivery)

L2 ANSWER 4 OF 18 USPATFULL
AN 2002:160844 USPATFULL
TI Parasitic nematode transglutaminase proteins and uses thereof
IN Chandrashekar, Ramaswamy, Fort Collins, CO, United States
Mehta, Kapil, Houston, TX, United States
PA Heska Corporation, Fort Collins, CO, United States (U.S. corporation)
Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)
PI US 6414115 B1 20020702
AI US 1998-6595 19980113 (9)
RLI Division of Ser. No. US 1996-781420, filed on 3 Dec 1996
DT Utility
FS GRANTED
EXNAM Primary Examiner: Minnifield, Nita
LREP Heska Corporation
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 2894
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 51-85-4, Cystamine 144-48-9, Iodoacetamide 10121-91-2,
Monodansylcadaverine
(transglutaminase inhibitors effect on nematode larval molting;
parasitic nematode transglutaminase proteins and nucleic acid mols.,
and their uses for inhibitor screening and recombinant vaccines)

L2 ANSWER 5 OF 18 USPATFULL
AN 2002:102286 USPATFULL
TI Parasitic nematode transglutaminase, nucleic acid molecules and uses thereof
IN Chandrashekar, Ramaswamy, Fort Collins, CO, United States
PA Heska Corporation, Fort Collins, CO, United States (U.S. corporation)
PI US 6383774 B1 20020507
AI US 1997-984919 19971204 (8)
RLI Continuation-in-part of Ser. No. US 1997-874102, filed on 12 Jun 1997,
now patented, Pat. No. US 6309644 Continuation-in-part of Ser. No. US
1996-781420, filed on 3 Dec 1996, now patented, Pat. No. US 6248872
DT Utility
FS GRANTED
EXNAM Primary Examiner: Navarro, Mark
LREP Heska Corporation
CLMN Number of Claims: 18
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 4522
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 51-85-4, Cystamine 77-86-1, TRIS 110-60-1, Putrescine 144-48-9,
Iodoacetamide 7447-40-7, Potassium chloride (KCl), biological studies
7647-14-5, Sodium chloride, biological studies 7664-41-7, Ammonia,

biological studies 7783-20-2, Sulfuric acid diammonium salt, biological studies 10121-91-2, Monodansylcadaverine
(transglutaminase activity inhibited by; inhibitors to bifunctional transglutaminase/protein disulfide isomerase enzymes of parasitic nematodes and their potential use in treatment of infection in cats and dogs)

L2 ANSWER 6 OF 18 USPATFULL
AN 2002:51017 USPATFULL
TI Remedy for CAG repeat expansion diseases
IN Tsuji, Shoji, Niigata, JAPAN
PA Niigata University, JAPAN (non-U.S. corporation)
PI US 6355690 B1 20020312
AI US 1999-236002 19990122 (9)
PRAI JP 1998-27739 19980126
DT Utility
FS GRANTED
EXNAM Primary Examiner: Geist, Gary; Assistant Examiner: Maier, Leigh C.
LREP Burns, Doane, Swecker & Mathis, LLP
CLMN Number of Claims: 3
ECL Exemplary Claim: 1
DRWN 30 Drawing Figure(s); 14 Drawing Page(s)
LN.CNT 719
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 60-23-1, Cysteamine 10121-91-2, Monodansyl cadaverine
(therapeutic agents for CAG repeat expansion disease)

L2 ANSWER 7 OF 18 USPATFULL
AN 2001:214853 USPATFULL
TI Protein modification method
IN Sato, Haruya, Chiba-ken, Japan
Yamamoto, Keiji, Chiba-ken, Japan
Suzuki, Kokichi, Chiba-ken, Japan
Ikeda, Masahiro, Tokyo, Japan
Sakagami, Masahiro, Chiba-ken, Japan
Taniguchi, Makoto, Saitama-ken, Japan
PA Drug Delivery System Institute, Ltd., Tokyo, Japan (non-U.S. corporation)
PI US 6322996 B1 20011127
WO 9606181 19960229
AI US 1995-505250 19951129 (8)
WO 1995-JP298 19950227
19951129 PCT 371 date
19951129 PCT 102(e) date
PRAI JP 1994-198187 19940823
DT Utility
FS GRANTED
EXNAM Primary Examiner: Wortman, Donna C.; Assistant Examiner: Brumback, Brenda G.
LREP Oblon, Spivak, McIlleland, Maier & Neustadt, P.C.
CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN 9 Drawing Figure(s); 9 Drawing Page(s)
LN.CNT 1761
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 10121-91-2, DANSYLCADAVERINE 25322-68-3 80146-85-6,
Transglutaminase
(modification of protein with amino group donors in presence of transglutaminase to improve adaptability)

L2 ANSWER 8 OF 18 USPATFULL
AN 2001:190730 USPATFULL
TI Parasitic nematode transglutaminase proteins and uses thereof
IN Chandrashekar, Ramaswamy, Fort Collins, CO, United States

Mehta, Kapil, Houston, TX, United States
PA Heska Corporation, Fort Collins, CO, United States (U.S. corporation)
The Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)
PI US 6309644 B1 20011030
AI US 1997-874102 19970612 (8)
RLI Continuation-in-part of Ser. No. US 1996-781420, filed on 3 Dec 1996, now patented, Pat. No. US 6248872
DT Utility
FS GRANTED
EXNAM Primary Examiner: Navarro, Mark
LREP Heska Corporation
CLMN Number of Claims: 18
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 3195
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 10121-91-2, Monodansylcadaverine
(parasitic nematode transglutaminase proteins and uses thereof)

L2 ANSWER 9 OF 18 USPATFULL
AN 2001:93638 USPATFULL
TI Parasitic nematode transglutaminase, nucleic acid molecules, and uses thereof
IN Chandrashekar, Ramaswamy, Fort Collins, CO, United States
PA Heska Corporation, Fort Collins, CO, United States (U.S. corporation)
PI US 6248872 B1 20010619
AI US 1996-781420 19961203 (8)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Minnifield, Niya
LREP Heska Corporation
CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2445
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 51-85-4, Cystamine 144-48-9, Iodoacetamide 10121-91-2, Monodansylcadaverine
(transglutaminase inhibitors effect on nematode larval molting; parasitic nematode transglutaminase proteins and nucleic acid mols., and their uses for inhibitor screening and recombinant vaccines)

L2 ANSWER 10 OF 18 USPATFULL
AN 2001:82819 USPATFULL
TI Substituted .beta.-amino acid inhibitors of methionine aminopeptidase-2
IN Craig, Richard A., Racine, WI, United States
Henkin, Jack, Highland Park, IL, United States
Kawai, Megumi, Libertyville, IL, United States
Lynch, Linda M., Pleasant Prairie, WI, United States
Patel, Jyoti, Libertyville, IL, United States
Sheppard, George S., Willmette, IL, United States
Wang, Jieyi, Gurnee, IL, United States
PA Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)
PI US 6242494 B1 20010605
AI US 1999-303807 19990430 (9)
PRAI US 1998-83877P 19980501 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Aulakh, C. S.
LREP Donner, B. Gregory, Steele, Gregory W.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings

LN.CNT 5205

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 55-81-2 62-53-3, Benzenamine, reactions 64-04-0, 1-Amino-2-phenylethane 79-14-1, reactions 87-62-7, 2,6-Dimethylaniline 89-99-6, 2-Fluorobenzylamine 90-04-0, o-Anisidine 91-21-4, 1,2,3,4-Tetrahydroisoquinoline 93-11-8, 2-Naphthylsulfonyl chloride 94-64-4, 2-Chloro-N-methylbenzylamine 94-70-2, 2-Ethoxyaniline 94-85-9, 2,5-Diethoxyaniline 95-00-1, 2,4-Dichlorobenzylamine 95-03-4, 2-Methoxy-5-chloroaniline 95-51-2, 2-Chloroaniline 95-76-1, 3,4-Dichloroaniline 96-32-2, Methyl bromoacetate 97-50-7 98-16-8, 3-(Trifluoromethyl)aniline 99-55-8, 2-Methyl-5-nitroaniline 99-57-0, 2-Amino-4-nitrophenol 99-59-2, 2-Methoxy-5-nitroaniline 100-81-2, 3-Methyl benzylamine 102-56-7, 2,5-Dimethoxyaniline 104-75-6, 2-Ethylhexylamine 104-84-7, 4-Methylbenzylamine 104-86-9, 4-Chlorobenzylamine 104-94-9, p-Anisidine 106-40-1, 4-Bromoaniline 106-47-8, 4-Chloroaniline, reactions 106-49-0, p-Toluidine, reactions 107-45-9, tert-Octylamine 108-09-8, 1,3-Dimethylbutylamine 108-42-9, 3-Chloroaniline 108-85-0, Cyclohexyl bromide 108-91-8, Cyclohexylamine, reactions 110-89-4, Piperidine, reactions 111-49-9 111-95-5 118-31-0, 1-Naphthylmethylamine 120-71-8, 2-Methoxy-5-methylaniline 121-60-8, 4-Acetamidobenzenesulfonyl chloride 121-88-0, 2-Amino-5-nitrophenol 123-82-0, 1-Methylhexylamine 139-59-3, 4-Phenoxyaniline 141-91-3, 2,6-Dimethylmorpholine 155-09-9, trans-2-Phenylcyclopropylamine 156-41-2, 4-Chloro phenethylamine 349-55-3, 3-Methoxy-5-(trifluoromethyl)aniline 349-65-5 349-95-1 371-40-4, 4-Fluoroaniline 402-49-3, 4-Trifluoromethylbenzyl bromide 403-40-7 404-70-6, 3-Fluorophenethylamine 455-14-1, 4-(Trifluoromethyl)aniline 536-90-3, 3-Methoxyaniline 543-82-8, 1,5-Dimethylhexylamine 554-00-7, 2,4-Dichloroaniline 589-08-2 598-74-3, 1,2-Dimethylpropylamine 608-07-1, 5-Methoxy tryptamine 608-31-1, 2,6-Dichloroaniline 617-89-0, Furfurylamine 621-33-0, 3-Ethoxyaniline 768-94-5, Tricyclo[3.3.1.1^{3,7}]decan-1-amine 769-92-6, 4-tert-Butylaniline 822-98-0, 2-Aminonorbornane 924-73-2, Ethyl 3-amino-propionate 1003-03-8, Cyclopentylamine 1113-49-1, .alpha.-Aminoisobutyric acid ethyl ester 1115-59-9, L-Alanine ethylester hydrochloride 1126-09-6, Ethyl isonipecotate 1200-27-7 1477-68-5, 3-O-Methyl dopamine hydrochloride 1484-26-0, 3-Benzyloxyaniline 1535-73-5, 3-(Trifluoromethoxy)aniline 1535-75-7, 2-(Trifluoromethoxy)aniline 1572-10-7, 3-Amino-5-phenyl pyrazole 1583-88-6, 4-Fluoro phenethylamine 1716-60-5 1824-81-3, 2-Amino-6-methylpyridine 1886-26-6 2038-57-5, 1-Amino-3-phenylpropane 2039-67-0, 3-Methoxy phenethylamine 2045-79-6, 2-Methoxy phenethylamine 2217-40-5, 1,2,3,4-Tetrahydro-1-naphthylamine 2393-23-9, 4-Methoxybenzylamine 2403-22-7, n-Butylbenzylamine 2417-72-3, 4-Methoxycarbonylbenzyl bromide 2488-15-5, N-(tert-Butoxycarbonyl)-L-methionine 2516-34-9, Cyclobutylamine 2524-67-6, 4-Morpholinoaniline 2577-46-0, L-Isoleucine methyl ester 2577-90-4, Phenylalanine methyl ester 2620-50-0, Piperonylamine 2666-93-5, L-Leucine methyl ester 2688-84-8, 2-Phenoxyaniline 2706-56-1, 2-Pyridineethanamine 2735-04-8, 2,4-Dimethoxyaniline 2740-83-2, 3-(Trifluoromethyl)benzylamine 2764-95-6, 4-Methoxy-2-naphthylamine 2885-01-0, Glycine butyl ester 2906-12-9, 3-Isopropoxypropylamine 3048-01-9, 2-Trifluoromethyl benzylamine 3082-62-0 3218-02-8, Cyclohexanemethanamine 3261-62-9 3300-51-4, 4-(Trifluoromethyl)benzylamine 3528-58-3, 5-Amino-1-ethylpyrazole 3586-12-7, 3-Phenoxyaniline 3886-70-2 3906-16-9 3959-07-7, 4-Bromo benzylamine 4070-48-8, L-Valine methyl ester 4152-90-3, 3-Chlorobenzylamine 4333-56-6, Cyclopropyl bromide 4795-29-3, Tetrahydrofurfurylamine 5036-48-6, 1-(3-Aminopropyl)imidazole 5071-96-5, 3-Methoxybenzylamine 5241-66-7, N-(tert-Butoxycarbonyl)-D-methionine 5350-93-6 5400-88-4 5452-35-7, Cycloheptylamine 5586-73-2, 3,3-Diphenylpropylamine 5834-17-3, 3-Amino-2-methoxydibenzofuran 5840-10-8 5959-36-4, Ethyl 4-amino-butyrate 5993-91-9, 2-(Aminomethyl)benzimidazole dihydrochloride 6299-67-8,

2,3-Dimethoxyaniline 6315-89-5, 3,4-Dimethoxyaniline 6331-09-5,
D-Alanine ethyl ester hydrochloride 6358-64-1 6375-47-9 6376-14-3
6456-74-2 6485-55-8, cis-2,6-Dimethylmorpholine 7307-55-3,
Undecylamine 7663-77-6, 1-(3-Aminopropyl)-2-pyrrolidone
10121-91-2 10272-07-8, 3,5-Dimethoxyaniline 10420-89-0
13074-39-0, Tricyclo[3.3.1.1^{3,7}]decan-2-amine 13078-79-0, 3-Chloro
phenethylamine 13078-80-3, 2-(2-Chlorophenyl)ethylamine 13214-66-9,
1-Amino-4-phenylbutane 13258-63-4, 4-Pyridineethanamine 13392-28-4
14268-66-7, 3,4-Methylenedioxyaniline 14489-75-9 14529-00-1, Benzyl
3-amino-propionate 16452-01-0, 3-Methoxy-4-methylaniline 16652-37-2
17831-01-5, L-Alanine benzyl ester 17950-40-2, Triethyloxonium
hexafluorophosphate 18807-71-1 18807-73-3 18880-00-7,
4-tert-Butylbenzyl bromide 18942-49-9, N-(tert-Butoxycarbonyl)-D-
phenylalanine 20173-24-4, 3-Pyridineethanamine 20218-55-7
21754-55-2, L-Norleucine methyl ester 22013-33-8, 3,4-
Ethylenedioxyaniline 22374-89-6 23095-31-0, 3,4-
Dimethoxybenzenesulfonyl chloride 23583-21-3, N-Benzyl-3-aminopropionic
acid ethyl ester 24313-88-0, 3,4, 5-Trimethoxyaniline 26348-61-8,
L-Serine ethyl ester hydrochloride 27757-85-3, 2-(Aminomethyl)thiophene
28292-43-5, 1,4-Dimethylpentylamine 29289-13-2, 2-Iodo-4-Methyl-aniline
29602-39-9, 2-(2-Aminoethylamino)-5-nitro-pyridine 32923-88-9,
3-Isobutoxypropylamine 32953-14-3, N-Ethyl-3,4 (methylenedioxy)aniline
34698-41-4, 1-Aminoindane 35303-76-5 39811-17-1 39895-55-1,
4-Tert-Butylbenzylamine 42882-31-5, 1-(1-Naphthyl)ethylamine
43064-12-6, 4-Phenyl-1,2,3,6-tetrahydropyridine hydrochloride
50823-90-0 51600-24-9 52516-13-9, 2,4-Dichloro phenethylamine
52516-30-0 52605-49-9, Sarcosine ethyl ester hydrochloride 55456-40-1
55536-65-7, 3,4-Dibenzoyloxy phenethylamine 55674-63-0,
N-(tert-Butoxycarbonyl)-D-norleucine 55881-33-9 58632-95-4, Boc-ON
58859-46-4, Ethyl 4-amino-1-piperidinecarboxylate 61296-22-8
66270-97-1, 4-(Bromomethyl)phenyl acetic acid phenacyl ester 67515-74-6
71773-95-0, L-Alanine ethylamide 73918-56-6, 4-Bromo phenethylamine
79069-13-9, N-(tert-Butoxycarbonyl)-L-alaninol 85068-29-7 85642-13-3
88116-02-3, 1-Bromomethyl-2-[(phenylsulfonyl)methyl]benzene 89499-43-4,
Methyl 3-aminothiophene-4-carboxylate 90390-15-1 93071-75-1
93919-56-3 102830-49-9 108329-74-4 118468-18-1 127095-92-5,
N-(tert-Butoxycarbonyl)-D-cyclohexylalanine 228401-14-7 248931-34-2
(prepn. of substituted .beta.-amino acid as inhibitors of methionine
aminopeptidase and angiogenesis)

L2 ANSWER 11 OF 18 USPATFULL
AN 1998:160057 USPATFULL
TI Modification of porous and non-porous materials using self-assembled
monolayers
IN Belfort, Georges, Slingerlands, NY, United States
Boehme, Peter, Troy, NY, United States
PA Rensselaer Polytechnic Institute, Troy, NY, United States (U.S.
corporation)
PI US 5852127 19981222
AI US 1996-680529 19960709 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Michl, Paul R.
LREP Notaro & Michalos, PC
CLMN Number of Claims: 8
ECL Exemplary Claim: 1
DRWN 9 Drawing Figure(s); 5 Drawing Page(s)
LN.CNT 476
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 75-39-8, 1-Aminoethanol **10121-91-2**, Dansyl cadaverine
27072-45-3, FITC
(modification of porous and nonporous polymer materials using
self-assembled monolayers for immobilization of)

L2 ANSWER 12 OF 18 USPATFULL
AN 1998:154446 USPATFULL
TI Thiadiazole derivatives useful for the treatment of diseases related to
connective tissue degradation
IN Jacobsen, Eric J., Plainwell, MI, United States
Mitchell, Mark A., Kalamazoo, MI, United States
Schostarez, Heinrich J., Portage, MI, United States
Harper, Donald E., Plainwell, MI, United States
PA Pharmacia & Upjohn Company, Kalamazoo, MI, United States (U.S.
corporation)
PI US 5847148 19981208
AI US 1997-835599 19970410 (8)
PRAI US 1996-16003P 19960423 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Richter, Johann; Assistant Examiner: Keating, Dominic
LREP Yang, Lucy X.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2161

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 64-04-0, Phenethylamine 92-54-6, 1-Phenylpiperazine 118-31-0,
1-Naphthalenemethylamine 123-90-0, Thiomorpholine 124-40-3,
Dimethylamine, reactions 156-87-6, 3-Amino-1-propanol 841-77-0,
1-Benzhydrylpiperazine 1943-82-4, Phenethyl isocyanate 2038-03-1,
4-Morpholineethanamine 2038-57-5, 3-Phenylpropylamine 2349-67-9,
1,3,4-Thiadiazole-2(3H)-thione, 5-amino- 2620-50-0, Piperonylamine
2717-76-2 2759-28-6, Benzylpiperazine 3173-56-6, Benzyl isocyanate
3218-02-8, Cyclohexanemethanamine 3300-51-4, 4-
(Trifluoromethyl)benzylamine 3731-51-9, 2-(Aminomethyl)pyridine
3731-52-0, 3-(Aminomethyl)pyridine 3731-53-1, 4-(Aminomethyl)pyridine
4244-84-2, .beta.-Alanine ethyl ester hydrochloride 5763-61-1,
Veratrylamine 5805-57-2, 2-(Aminomethyl)benzimidazole 7409-30-5,
4-Nitrobenzylamine 7524-50-7, L-Phenylalanine methyl ester
hydrochloride 10121-91-2, Monodansylcadaverine 13033-84-6,
D-Phenylalanine methyl ester hydrochloride 13214-66-9,
4-Phenylbutylamine 15028-39-4 16741-80-3 17114-97-5 17193-40-7
17355-19-0 19525-87-2 20980-22-7, 1-(2-Pyrimidinyl)piperazine
34803-66-2, 1-(2-Pyridyl)piperazine 38212-30-5, 1-(4-
Methoxyphenyl)piperazine 39895-55-1, 4-tert-Butylbenzylamine
57260-71-6 71449-22-4 71989-43-0 88576-93-6 95260-87-0
98642-61-6, o-(tert-Butyldimethylsilyl)-L-serine methyl ester
112306-76-0 139040-51-0 149193-77-1 163210-86-4 198701-47-2
198701-48-3 198701-49-4 198701-50-7 198701-51-8 198701-52-9
198701-53-0 198701-54-1 216974-09-3
(prepn. of thiadiazole amino acid derivs. for treatment of diseases
related to connective tissue degrdn.)

L2 ANSWER 13 OF 18 USPATFULL
AN 96:92090 USPATFULL
TI Macrocyclic amide and urea immunomodulators
IN Wagner, Rolf, Libertyville, IL, United States
Luly, Jay R., Libertyville, IL, United States
Or, Yat S., Libertyville, IL, United States
PA Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)
PI US 5563172 19961008
AI US 1994-213394 19940314 (8)
RLI Continuation-in-part of Ser. No. US 1993-149419, filed on 9 Nov 1993,
now abandoned which is a continuation-in-part of Ser. No. US 1993-32958,
filed on 17 Mar 1993, now abandoned which is a continuation-in-part of
Ser. No. US 1991-755208, filed on 5 Sep 1991, now abandoned
DT Utility
FS Granted

EXNAM Primary Examiner: Bond, Robert T.
LREP Danckers, Andreas M., Crowley, Steven R.
CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 5666

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 54-85-3, Isonicotinic acid hydrazide 62-53-3, Aniline, reactions
64-04-0, Phenethylamine 79-04-9, Chloroacetyl chloride 95-76-1,
3,4-Dichloroaniline 98-16-8, 3-(Trifluoromethyl)aniline 100-46-9,
Benzylamine, reactions 103-67-3, N-Methylbenzylamine 104-94-9,
4-Methoxyaniline 106-47-8, 4-Chloroaniline, reactions 106-49-0,
p-Toluidine, reactions 108-00-9, 2-(Dimethylamino)ethylamine
108-91-8, Cyclohexylamine, reactions 109-01-3, N-Methylpiperazine
109-55-7, 3-(Dimethylamino)propylamine 109-83-1, 2-(Methylamino)ethanol
110-89-4, Piperidine, reactions 110-91-8, Morpholine, reactions
111-42-2, N,N-Bis(2-hydroxyethyl)amine, reactions 123-00-2,
[3-(Morpholino)propyl]amine 123-30-8, p-Aminophenol 123-90-0,
Thiomorpholine 141-43-5, 2-Aminoethanol, reactions 151-56-4,
Aziridine, reactions 156-57-0, 2-Aminoethanethiol hydrochloride
156-87-6, 3-Aminopropan-1-ol 177-11-7, 1,4-Dioxo-8-azaspiro[4.5]decane
371-40-4, 4-Fluoroaniline 372-19-0, m-Fluoroaniline 455-14-1,
4-Aminobenzotrifluoride 462-08-8, 3-Aminopyridine 504-24-5,
4-Aminopyridine 504-29-0, 2-Aminopyridine 534-03-2, Serinol
591-27-5 619-73-8, 4-Nitrobenzyl alcohol 623-48-3, Ethyl iodoacetate
623-73-4, Ethyl diazoacetate 626-01-7, 3-Iodoaniline 628-87-5,
Iminodiacetonitrile 962-39-0, L-Phenylalanine benzyl ester 1126-71-2,
N,N-Dimethylphenethylamine 1583-88-6, [2-(4-Fluorophenyl)ethyl]amine
1656-94-6 1738-68-7, Glycine benzyl ester 2038-03-1,
[2-(Morpholino)ethyl]amine 2524-67-6, 4-Morpholinoaniline 3913-67-5,
N-Methylalanine 4319-49-7, 4-Aminomorpholine 4543-96-8
10121-91-2, Dansylcadaverine 13325-10-5, 4-Aminobutan-1-ol
14529-00-1, .beta.-Alanine benzyl ester 31121-11-6 35836-73-8,
(-)-Nopol 39093-93-1, Thiomorpholine dioxide 52267-51-3, Benzyl
diazoacetate 81867-37-0, Benzyl iodoacetate 104987-12-4, Ascomycin
160843-76-5, 9-Fluorenylmethyl diazoacetate
(prepn. of macrocyclic amide and urea immunomodulators)

L2 ANSWER 14 OF 18 USPATFULL

AN 93:20396 USPATFULL

TI Methods of making fluorescent microspheres

IN Cheung, Sau W., 8528 Douglas Ct., St. Louis, MO, United States 63144

PI US 5194300 19930316

AI US 1989-433677 19891108 (7)

RLI Division of Ser. No. US 1987-73770, filed on 15 Jul 1987, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Stoll, Robert L.; Assistant Examiner: Covert, John M.

LREP Polster, Lieders, Woodruff & Lucchesi

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN 1 Drawing Figure(s); 1 Drawing Page(s)

LN.CNT 584

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **10121-91-2**, Dansylcadaverine
(polyacrylate microspheres labeled with, for biochem. anal. by specific
binding assay and fluorescence microscopy)

L2 ANSWER 15 OF 18 USPATFULL

AN 92:59815 USPATFULL

TI Fluorescent microspheres and methods of using them

IN Cheung, Sau W., 8528 Douglas Ct., St. Louis, MO, United States 63144

PI US 5132242 19920721

AI US 1989-434892 19891113 (7)

RLI Continuation-in-part of Ser. No. US 1987-73770, filed on 15 Jul 1987,
now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Ceperley, Mary E.
LREP Polster, Lieder, Woodruff and Lucchesi
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN 1 Drawing Figure(s); 1 Drawing Page(s)
LN.CNT 625
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 10121-91-2, Dansylcadaverine
(polyacrylate microspheres labeled with, for biochem. anal. by specific
binding assay and fluorescence microscopy)

L2 ANSWER 16 OF 18 USPATFULL
AN 92:51100 USPATFULL
TI Effect of transglutaminase inhibition on microfilariae development and
macrofilariae viability
IN Kapil, Mehta, Houston, TX, United States
Rao, Undaru R., Tampa, FL, United States
Vickery, Ann C., Tampa, FL, United States
PA The Board of Reagents The University of Texas System, Austin, TX, United
States (U.S. corporation)
PI US 5124358 19920623
AI US 1990-466127 19900116 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Robinson, Allen J.
LREP Arnold, White and Durkee
CLMN Number of Claims: 18
ECL Exemplary Claim: 1
DRWN 11 Drawing Figure(s); 3 Drawing Page(s)
LN.CNT 983
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 51-45-6, Histamine, biological studies 51-85-4, Cystamine 74-89-5,
Methylamine, biological studies 110-60-1, Putrescine 144-48-9,
Iodoacetamide 504-73-4D, 3,5-substituted derivs. 768-94-5,
Tricyclo[3.3.1.1^{3,7}]decan-1-amine 10121-91-2, Dansyl cadaverine
13392-28-4 138214-74-1
(as transglutaminase inhibitor for filaricide)

L2 ANSWER 17 OF 18 USPATFULL
AN 86:41095 USPATFULL
TI Method for measuring the activity of plasma factor XIII
IN Ogawa, Kazuo, Chiba, Japan
Baba, Setsuko, Chiba, Japan
Nakanishi, Kazuo, Yokohama, Japan
PA Iatron Laboratories, Inc., Tokyo, Japan (non-U.S. corporation)
PI US 4601977 19860722
AI US 1983-502473 19830609 (6)
PRAI JP 1982-99284 19820611
DT Utility
FS Granted
EXNAM Primary Examiner: Rosen, Sam
LREP Jeffers, Albert L., Belsheim, Stephen T.
CLMN Number of Claims: 2
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 3 Drawing Page(s)
LN.CNT 204
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 462-94-2D, derivs. 10121-91-2
(blood coagulation factor XIII detn. in human plasma with)

L2 ANSWER 18 OF 18 USPATFULL
AN 83:32930 USPATFULL
TI Antiviral activities of dansylcadaverine and closely related compounds
IN Pastan, Ira H., Potomac, MD, United States
Willingham, Mark C., Bethesda, MD, United States
PA The United States of America as represented by the Department of Health
& Human Services, Washington, DC, United States (U.S. government)
PI US 4396628 19830802
AI US 1982-352599 19820226 (6)
RLI Continuation-in-part of Ser. No. US 1981-275033, filed on 18 Jun 1981,
now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Goldberg, Jerome D.
LREP Roberts, Jr., John S.
CLMN Number of Claims: 3
ECL Exemplary Claim: 1
DRWN 5 Drawing Figure(s); 5 Drawing Page(s)
LN.CNT 259
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 10121-91-2
(virucide)
IT 10121-91-2D, analogs
(virucides)

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